

General storage recommendations for spare parts

To prolong the lifespan of spare parts supplied by TGW we recommend the adherence to the general conditions listed below. More detailed advice for the storage of spare parts can be found in the respective manufacturer's documentation.

General recommendations of spare parts storage

- Ideal storage temperature: 15-25 degrees Celsius (59-77 degrees Fahrenheit)
- Dry storage (40-60% relative air humidity)
- UV light protected storage
- Ozone-free storage (no fluorescent light sources, mercury vapour lamps, copying machines, ...)
- No direct storage on the floor, alongside walls, in front of radiators or other heat sources
- Dust-free storage (use dust protection)
- Rust-proofing must not be removed (e.g. oil film on untreated steel parts)

Storage of parts used in freezer areas

Generally, freezer-suitable parts may be stored at freezer as well as normal temperatures.

Please note:

- Parts with clearances and tolerances should be brought into the area of application at least 24 hours before they are used.
- We recommend to store freezer-suitable parts like drive belts, round belts or flat belts in normally tempered areas. These parts may be installed in the freezer area at any time.

Storage recommendations for plastic parts

The great number of compositions of plastic materials result in a variety of resistances against chemicals, solvents, oils and greases. Contact with one of these substances might lead to surface opacity, swelling, decomposition and lasting changes of mechanical characteristics. Thus, chemically aggressive substances should be stored in a safe place away from plastic parts. Furthermore, the above mentioned storage recommendations for plastic parts have to be observed.

Storage instructions for belts

Belts must be stored in a dry environment, not being exposed to UV rays. Do not stack the belts (e.g. in shelves) too high. Avoid squeezing or bending of the belts. Moreover, the above mentioned storage recommendations for plastic parts apply for belts. The ideal storage temperature for belts is between 15 and 25 degrees Celsius (59 and 77 degrees Fahrenheit) and must not exceed 40 degrees Celsius (104 degrees Fahrenheit).

Storage instructions for gear motors

Storage and care instructions of gear motors are provided in the respective manufacturer's documentation.

Storage instructions for lubricants

Please observe the local governmental regulations regarding the storage of lubricants (oil, grease, lubrication sprays, etc.). Lubricants are often extremely flammable and must not be exposed to any kind of heat source. They must not find their way into sewerage, surface or ground water. They must always be kept in their original containers. Lubricants should be stored in a cool and dry place and protected from direct sunlight. Lubricants are to be kept in a place that is well-ventilated and must not be stored at temperatures exceeding 50 degrees Celsius (122 degrees Fahrenheit). It is forbidden to store them alongside of oxidizing or acidic substances.

Storage instructions for electro-technical parts

The above mentioned general recommendations for spare parts storage apply for electro-technical parts as well. A storage temperature of down to -25 degrees Celsius (-13 degrees Fahrenheit) is not a problem.

Storage instructions for conveyor belts

Conveyor belts must not be deposited on the belt edge side, but have to be hung up on a tube through the core, or stored horizontally in the rack or on a pallet.

